



OIML Member State
P. R. China



OIML Certificate No.
R76/2006-A-CN2-22.04

OIML CERTIFICATE

ISSUED UNDER SCHEME A

OIML Issuing Authority Name: National Institute of Metrology, China
Address: No.18, Bei San Huan Dong Lu, Chaoyang Dist., Beijing, P.R.China
Person responsible: Mr. Fang Xiang, Director

Applicant Name: Shenzhen General Measure Technology Co., Ltd.
Address: Room2208, Block A, Building 6, Shenzhen International Innovation Valley, 1st Dashi Road, Nanshan District, Shenzhen, Guangdong Province, P.R.China

Manufacturer Name: Zhuzhou General Measure Technology Co., Ltd.
Address: Building 5, Phase 4.2, Power Valley Tianyi Avenue, Tianyuan District, Zhuzhou, Hunan Province, P.R.China

Identification of the certified type Weighing indicator GMT-X1 (Further characteristics on page 2)

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R76 – Edition 2006

For accuracy class: **III**

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

OIML Issuing Authority: **National Institute of Metrology, China**
Date: 29 December 2022



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Director
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The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. TER-R76/2006-CN2-22.04 dated 27 December 2022 that includes 27 pages
and the associated OIML test report:

No. LSmm2022-20610 dated 03 November 2022 that includes 37 pages

OIML Certificate History

Revision No.	Date	Description of the modification
0	29 December 2022	Initial issue

Characteristics of the Instrument

Type	GMT-X1
Accuracy class	III
Apportioning factor of mpe, p_i	0.5
Minimum input voltage per verification scale interval, Δu_{\min}	1 μ V
Maximum number of verification scale intervals, n	6000
Temperature range	-10 °C ~ +40 °C
Power supply	DC 24V
Load cell excitation voltage, U_{exc}	5 V
Minimum signal voltage for dead load	0.2 mV
Maximum signal voltage for dead load	8 mV
Measuring range minimum voltage	0.2 mV
Measuring range maximum voltage	15 mV
Minimum load cell impedance	350 Ω
Maximum load cell impedance	350 Ω
Sense system	Six-wire(remote sensing)
Maximum cable length	3698.22 m/mm ²
Software version	02.00.01